

Converting Colors

XYZ(69.6585, 72.2806, 80.6704)

Have a look what the booklet for
XYZ(69.6585, 72.2806, 80.6704)
contains.

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Color

**XYZ(69.7882, 72.4155,
80.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DCE0
RGB	224, 220, 224
RGB Percent	88%, 86%, 88%
CMY	0.1216, 0.1372, 0.1216
CMYK	0.00, 0.02, 0.00, 0.12
HSL	300°, 6%, 87%
HSV	300°, 2%, 88%
XYZ	69.7882, 72.4155, 80.8204
YIQ	221.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

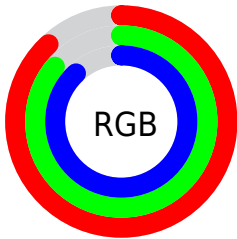
Format	Color
R _Y B	224, 220, 224
Decimal	14736608
CIE Lab	88.17, 2.08, -1.49
CIE LCh	88, 2.553, 324.429
Yxy	72.4155, 0.3129, 0.3247
Android (android.graphics.Color)	4292926688 (0xFFE0DCE0)
YUV	221.6520, 1.1576, 2.0592
Hunter-Lab	85.0973, -2.5326, 3.2580

Details

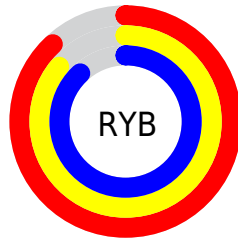
The XYZ color **69.7882, 72.4155, 80.8204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0919, 73.6962, 78.2971**, and the grayscale version is **69.1790, 72.7817, 79.2593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.9788, 38.2099, 42.9624** is the 20% darker color. If you saturate the color by 10%, you get **64.2993, 61.4372, 78.9917**, and if you desaturate by 10%, it is **76.0689, 84.9755, 82.9148**.

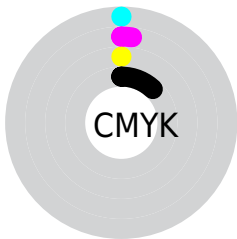
Distribution



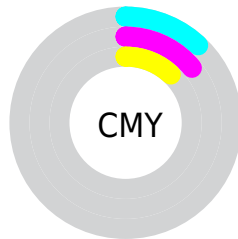
- Red (88%)
- Green (86%)
- Blue (88%)



- Red (88%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (12%)



- Cyan (12%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7882, 72.4155, 80.8204 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.7882, 72.4155, 80.8204 by changing the saturation by 10% instead.

■ 69.7882, 72.4155,
80.8204

■ 69.7882, 72.4155,
80.8204

449.0840,
468.9865, 517.4728

■ 51.6329, 53.4982,
59.8636

117.9346,
122.6471, 136.3404

■ 36.9356, 38.2006,
42.8841

148.6563,
154.7301, 171.7406

■ 25.3311, 26.1384,
29.4635

184.2976,
191.9705, 212.7923

■ 16.4539, 16.9272,
19.1831

225.2237,
234.7526, 259.9141

■ 9.9388, 10.1826,
11.6245

271.8001,
283.4609, 313.5245

■ 5.4204, 5.5202,
6.3691

324.3920,

■ 2.5332, 2.5556,

338.4797, 374.0421

2.9984

383.3649,
400.1934, 441.8853

■ 0.9120, 0.9044,
1.0938

■ 0.0000, 0.0000,
0.0000

■ 69.7882, 72.4155,
80.8204

■ 69.7882, 72.4155,
80.8204

■ 64.2993, 61.4372,
78.9917

■ 76.0689, 84.9755,
82.9148

■ 59.5650, 51.9689,
77.4137

■ 79.9562, 92.7497,
84.2105

■ 55.5541, 43.9476,
76.0768

■ 79.9565, 92.7499,
84.2105

■ 52.2311, 37.3020,
74.9692

■ 79.9568, 92.7500,
84.2105

49.5573, 31.9548,
74.0781

79.9571, 92.7501,
84.2105

47.4903, 27.8211,
73.3891

79.9573, 92.7503,
84.2105

45.9826, 24.8061,
72.8866

79.9576, 92.7504,
84.2105

44.9796, 22.8006,
72.5524

79.9579, 92.7506,
84.2105

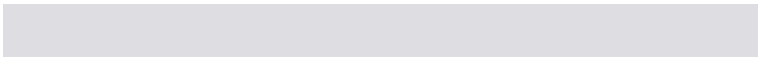
44.4161, 21.6740,
72.3646

79.9582, 92.7507,
84.2106

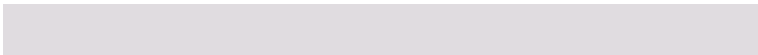
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.3155, 72.4155, 81.9495



69.7882, 72.4155, 80.8204



70.0039, 72.4155, 79.1750

Triad

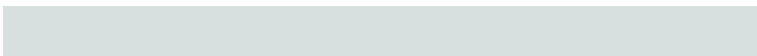
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.7882, 72.4155, 80.8204



68.9428, 72.4155, 75.5486



67.7653, 72.4155, 80.2470

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.7882, 72.4155, 80.8204



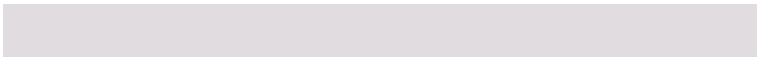
69.0919, 73.6962, 78.2971

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6668, 72.4155, 78.5222



69.7882, 72.4155, 80.8204



68.3443, 72.4155, 75.8261

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7882, 72.4155, 80.8204



69.5140, 72.4155, 76.1446



67.8782, 72.4155, 76.9083



68.1480, 72.4155, 81.6150

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7882, 72.4155, 80.8204



69.9721, 72.4155, 78.0132



67.8782, 72.4155, 76.9083



67.6979, 72.4155, 79.6890

Sweetspot

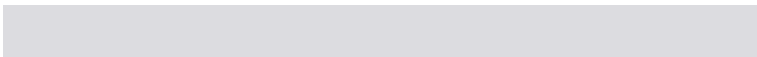
The Sweet Spot groups the original color and five complimentary colors.



69.7903, 72.4186, 80.8220



94.2419, 98.3838, 108.6306



68.5837, 71.8225, 80.7705



20.1802, 21.0752, 23.2543



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7903, 72.4186, 80.8220



93.4445, 96.7890, 108.3648



69.5298, 72.3144, 79.4499



15.2145, 15.7746, 17.6306



25.7231, 12.3561, 42.0776



1.7830, 0.8565, 2.9166

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.2545, 72.2043, 78.0007



92.6342, 96.4649, 104.0977



69.3492, 73.7992, 79.6524



15.0908, 15.7251, 16.9792



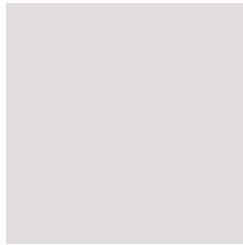
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 69.7882, 72.4155, 80.8204 looks on a white background.

Color Contrast Check

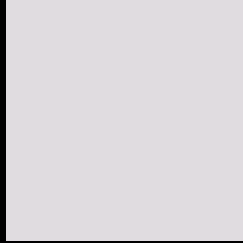
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.7882, 72.4155, 80.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

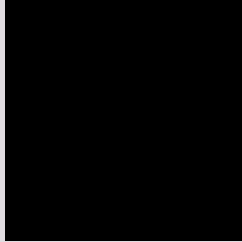
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

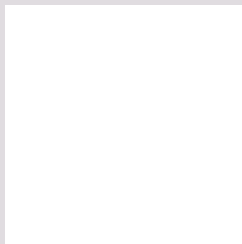
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.7882, 72.4155, 80.8204

Background



This preview shows how black text looks on a background with the XYZ color 69.7882, 72.4155, 80.8204.

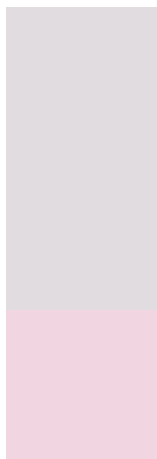


This preview shows how white text looks on a background with the XYZ color 69.7882, 72.4155,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.7882, 72.4155, 80.8204

Protanopia

69.7882, 72.4155, 80.8204

Deuteranopia

73.9128, 72.2301, 81.2804



Tritanopia

71.4308, 72.3097, 88.7896

Trichromacy



Original Color

69.7882, 72.4155, 80.8204

Protanomaly

69.7882, 72.4155, 80.8204

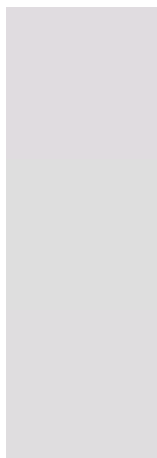
Deuteranomaly

72.4074, 72.2101, 81.3558

Tritanomaly

70.8067, 72.4401, 85.8517

Monochromacy



Original Color

69.7882, 72.4155, 80.8204

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.6072, 72.7286, 80.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7882, 72.4155, 80.8204 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(224, 220, 224) looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 220, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 224) }
```

Border

The CSS property to change the border of an element to XYZ 69.7882, 72.4155, 80.8204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 220, 224) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 220, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 220, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7882, 72.4155, 80.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
220, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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